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APR 20 2005

FACSIMILE COVER SHEET**DATE:** APRIL 20, 2005**NUMBER OF PAGES (INCLUDING THIS TRANSMITTAL COVER SHEET):** 13**OUR REFERENCE:** 401544**FROM:** SHANNON SCHEMEL
REGISTRATION NO. 47,926**EXTENSION NO.:** 224

TO: EXAMINER I. MARX
 GROUP 1651
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C.

FACSIMILE NUMBER: 571 273-8300

IN RE APPLN. OF:	RATLEDGE ET AL.
SERIAL NO.	10/030,700
FILED:	JANUARY 14, 2002
FOR:	CULTURE OF MICROORGANISMS FOR THE SYNTHESIS OF A POLYUNSATURATED FATTY ACID
GROUP ART UNIT:	1651
EXAMINER:	I. MARX

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FaxPTO (3/6/2000)

In re Application of: RATLEDGE et al.

Application No. 10/030,700

Filed: January 14, 2002

For: CULTURE OF MICROORGANISMS FOR THE SYNTHESIS OF A POLYUNSATURATED FATTY ACID

APR 20 2005

U.S. Patent and Trademark Office

Randolph Building

401 Dulany Street, Customer Window, Mail Stop Amendment

Alexandria, VA 22314

Sir:

- Small entity status is claimed for this application under 37 CFR 1.27.
- Petition for an extension of time for the period noted below, as well as for any additional period necessary to render the present submission timely. Please charge Deposit Account No. 12-1216 for the appropriate petition fee.
- Other:
- Please charge Deposit Account No. 12-1216 in the total amount indicated below. A duplicate copy of this transmittal sheet is enclosed herewith.

					SMALL ENTITY	OTHER THAN A SMALL ENTITY	
TIME EXTENSION PETITION FEE		none			\$ 0.00	\$ 0.00	
	subtract time extension fee previously paid	none			(\$ 0.00)	(\$ 0.00)	
CLAIM FEE	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	ADDT. CLAIM FEE	ADDT. CLAIM FEE
TOTAL		MINUS		=0	x 25=	\$	x 50= \$
INDEPENDENT		MINUS		=0	x 100=	\$	x 200= \$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE CLAIM					+ 180=	\$	+ 360= \$
TOTAL AMOUNT TO BE CHARGED TO DEPOSIT ACCOUNT					TOTAL	\$	TOTAL

- The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1216.
- Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

Shannon Schenkel

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Date: April 20, 2005
SDS:yes

APR-20-2005 15:38

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PATENT
Attorney Docket No. 401544

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

RATLEDGE et al.

Art Unit: 1651

Application No. 10/030,700

Examiner: I. Marx

Filed: January 14, 2002

For: CULTURE OF MICROORGANISMS
FOR THE SYNTHESIS OF A
POLYUNSATURATED FATTY ACID

SUPPLEMENTAL AMENDMENT

U.S. Patent and Trademark Office
Randolph Building
401 Dulany Street, Customer Window, Mail Stop Amendment
Alexandria, VA 22314

Dear Sir:

Further in response to the Office Action dated December 29, 2004, please enter the following amendments and consider the following remarks.

In re Appln. of RATLEDGE et al.
Application No. 10/030,700

TITLE AMENDMENTS

Replace the title with:

~~CULTURE OF MICROORGANISMS FOR THE SYNTHESIS METHOD OF A
POLYUNSATURATED FATTY PRODUCING AN OIL INCLUDING
DOCOSAHEXAENOIC ACID~~